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EXAMINER
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ROSE, HELENE ROBERTA

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PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

<b>Office Action Summary</b>	Application No. 10/613,059	Applicant(s) SANGRONIZ, JAMES M.	
	Examiner Helene Rose	Art Unit 2163	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --**

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 03 April 2007.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-9, 15-26 and 30-33 is/are pending in the application.
- 4a) Of the above claim(s) 10-14 and 27-29 is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-9, 15-26 and 30-33 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 02 July 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)          | 4) <input type="checkbox"/> Interview Summary (PTO-413)           |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____                                      |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)          | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____  | 6) <input type="checkbox"/> Other: _____                          |

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Detailed Action

1. In view of the Appeal Brief, filed on 4/3/2007, PROSECUTION IS HEREBY REOPEN. New grounds of rejection are set forth below.

To avoid abandonment of the application, appellant must exercise one of the following two options:

(1) file a reply under 37 CFR 1.111 (if this Office action is non-final) or a reply under 37 CFR 1.113 (if this Office action is final); or,

(2) initiate a new appeal by filing a notice of appeal under 37 CFR 41.31 followed by an appeal brief under 37 CFR 41.37. The previously paid notice of appeal fee and appeal brief fee can be applied to the new appeal. If, however, the appeal fees set forth in 37 CFR 41.20 have been increased since they were previously paid, then appellant must pay the difference between the increased fees and the amount previously paid..

2. No claims were added. Claims 10-14 and 27-29 were cancelled. Therefore, Claims 1-9, 15-26 and 30-33 are pending and presented for examination.

Claim Rejections – 35 USC § 112

3. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

4. Claims 1, 15, 20, and 31 (and there dependent claims, where applicable) are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Regarding Claims 1, 15, 20, and 31 (and there dependent claims, where applicable), the limitation “ without communicating with the one or more workflow processing devices” renders the claim indefinite because there is insufficient antecedent basis in these claims.

Examiner is unclear on how the “ processing circuitry is configured to process the user request using the predefined rules data to produce a transformed user request without communicating with one or more workflow processing devices” , to achieve the user-desired product, because it is also stated that a communication interface is configured to receive a user request comprising one or more user-desired product properties associated with a user-desired product, the interface configured to communicate with one or more workflow processing devices; and therefore, examiner is unclear on “ how the processing circuitry is receiving the user request in order for it to

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process the user request without communicating with one or more workflow processing devices

Also, wherein the claim language it states: the transformed user request including information for automatically organizing workflow among the one or more workflow processing devices in accordance with the one or more user-desired properties so as to achieve the user-desired product, wherein the phrase “ so as to achieve the user-desired product” . Examiner suggests to remove, “ so as” , wherein this terminology renders the claim language vague and indefinite. Examiner suggests stating: “ to achieve the user-desired product” .

#### Claim Rejections – U.S.C 103

5. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

6. Claims 1-5, 15-17, 20, 22, 24, 26, and 30-31 are rejected under 35 U.S.C. 103(a) as being obvious over Volkoff et al (US Publication No. 2002/0184240, hereinafter Volkoff) in view of Gardener et al (US Patent No. 6,507,857, Date Filed: Dec. 29, 1998, hereinafter Gardner).

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Claims 1 and 15:

Regarding claims 1 and 15, Volkoff teaches a workflow management system for managing workflow in a printing system (see Figure 1, all features, wherein the workflow of a job ticket is illustrated and see page 2, paragraph [0023], wherein a workflow is routing a user request, i.e. a job request, Volkoff), comprising:

one or more workflow processing devices configured to process a user request (page 5, paragraph [0051], wherein processor may be configured as it responds to a request, Volkoff), the one or more workflow processing devices communicatively coupled to a communications medium (page 1, paragraph [0006], and [0009] Volkoff); and

a workflow management device located external of the one or more workflow processing devices (see Figure 4, diagram 70, wherein WFC is a workflow controller, Volkoff) comprising:

a communications interface (see Figure 2, diagram 30 and page 3, paragraph [0034], wherein the front end service may be a Internet web browser, Volkoff) configured to receive the user request (page 1, paragraph [0006], Volkoff), the interface further configured to communicate with the one or more workflow processing devices (page 11, paragraph [0121], wherein the processors known as the devices are external of the workflow controller, Volkoff);

a storage device configured to store predefined rules data for processing the user request (page 1, paragraph [009], wherein the database stores data through the job ticket service, Volkoff), the user request comprising one or more user desired

product properties (see Figure 2, all features, wherein each node diagram represents job tickets for other services and page 3, paragraph [0030], Volkoff); and

Volkoff teaches a processing circuitry wherein a transformed request is done. But is silent with respect to “ processing circuitry configured to process the request using the predefined rules data and produce a transformed request without communicating with one or more workflow processing devices, the transformed request comprising information for automatically organizing workflow through the system in accordance with the one or more user-desired product properties so as to produce a user-desired product.

On the other hand, Gardner teaches “ processing circuitry configured to process the request using the predefined rules data and produce a transformed request without communicating with one or more workflow processing devices, the transformed request comprising information for automatically organizing workflow through the system in accordance with the one or more user-desired product properties so as to produce a user-desired product (column 8, lines 4-15, wherein this reads over “ the bill processing server, in turn, communicates with a router instruction processor, wherein the router instruction processor service incoming request from multiple clients, route request and so forth, which interacts with the electronic inserter, wherein the electronic inserter get data from job setup module customer preference file from customer preference database, and so forth, as well as informing the bill processing server of the generation of an electronic print stream associated with a bill and associated inserts for

presentation to the interactive bill presentation server, wherein this is interpreted to be equivalent to "processing circuitry configured to process the request using the predefined rules data and produce a transformed request without communicating with one or more workflow processing devices ", and wherein the bills the interactive bill presentation server receives instructions from the customer via the Internet which, in turn, are communicated to the bill processing server for updating bill remittance data and the like, upon the customer indicating his or her desire to pay an associated bill received electronically, wherein the bills are only made available to a customer when all necessary information for viewing has been pre-processed, wherein this is interpreted to be equivalent to "the transformed request comprising information for automatically organizing workflow through the system in accordance with the one or more user-desired product properties so as to produce a user-desired product" , Gardner).

It would have been obvious to one of the ordinary skill in the art at the time of the invention to incorporate Gardner teachings into Volkoff system. A skilled artisan would have been motivated to combine as suggest by Garner [column 2, lines 57-62] for establishing an improved method for rerouting information to be processed and presented.

Claim 2:

Regarding claim 2, Volkoff teaches wherein the transformed user request (page 2, paragraph [0027], wherein a transformed user request is done by a user modifying a job ticket, Volkoff) is received by a controller external to the workflow management devices (page 11, section [0121], wherein the outside entities, e.g. processors, may



acquire sufficient information to bid on completion of the job ticket, Volkoff), the controller, configured to control the workflow in accordance with the one or more user-desired product properties (page 6, paragraph [0059], wherein the workflow controller, other components in the network may be used to develop and overall workflow to complete the job request, Volkoff).

Claim 3:

Regarding claim 3, Volkoff teaches wherein the transformed request comprises additional information to process the user request (pages 7- 8, paragraph [00080], wherein additional information to process a user request land line phones, facsimile machines, contacts in the contact database use mobile phones, and email addresses, Volkoff) accordance with specifications of the user (page 8, paragraph [0081], wherein the specification are made by a user such as searching the database for phone, Volkoff), and the additional information comprises information to route and process the workflow in accordance with the one or more user-desired product properties (page 8, paragraph [0083], wherein delivery options are specified by a user to a destination address and process the desired delivery options, Volkoff), and information to prioritize processing of the workflow in accordance with the one or more user-desired product properties (page 10, paragraph [0110], wherein the workflow controller can determine which of the processors should complete a specific process, and if necessary, the order in which such processes should be completed, Volkoff).

Claims 4, 17, and 22:

Regarding claims 4, 17, and 22, Volkoff teaches wherein the user request is received in a job definition format (page 3, paragraph [0034], wherein a user request is described in a job request wherein the format is a job definition format, Volkoff).

Claims 5 and 24:

Regarding claims 5 and 24, Volkoff teaches wherein the interface is configured to receive the user request via the Internet (page 3, paragraph [0034], wherein the digital imaging work (DIW), includes a front end service that allows a client to generate and submit a service or job request and the embodiment of the front end service may be an Internet web browser, Volkoff).

Claim 16:

Regarding claim 16, Volkoff teaches a system further comprising:

a controller external to the workflow management device and the one or more workflow processing devices, the controller to receive the transformed request (Refer to claim 1 and 15, wherein this limitation is substantially the same and therefore rejected under the same rationale) and route the transformed request among the one or more workflow processing devices for processing in accordance with the one or more user-desired product properties using information from the transformed request (page 1, section [0005], wherein the job ticket may be an object such as an XML object comprising routines and data and page 11, section [0119], wherein routine 105 for developing a workflow and assigning processors to the workflow is illustrated in Figure 10, all features, Volkoff).

Claims 20 and 30:

Regarding claims 20 and 30, Volkoff teaches a workflow assignment system (page 3, paragraph [0032], wherein service center may select one or more processors to assign to the ob ticket based on the client supplied criteria, Volkoff), comprising:

means for receiving a user request at a server (page 3, paragraph [0032], wherein a service center receive information in the form of job request and [0033], wherein the service center may include hardware component such as servers, computers, central processing units, communication interfaces, and memory devices to provide the processing capability and data storage required to carry out the above described functions, Volkoff), the request having one or more user-desired product properties (page 3, paragraph [0031], wherein the variety of e services such as e-printing, online shopping, and e-commerce are the user desired properties, Volkoff);

means for providing in the server a pre-stored style sheet having predefined rules for processing the user request (page 2, paragraph [0028], wherein the inside pages are produced in brochure, the brochure may use digital content to generate plates for printing the brochure, wherein the brochure has predefined rules for generating plates for printing, and wherein the stylesheet is equivalent to inside pages, wherein a stylesheet is defined to be a set of rules, i.e. called patterns, modifying the default appearance of trees in a view, in which described in [0028], each node may modify consume or create resources, Volkoff);

means for loading the predefined rules and the user request into a processing means of the server (page 5, paragraph [0050], wherein the workflow controller may

use agents to load capabilities of the processors, and time constrains in the job request, wherein diagram 94, represents the authentication server, Volkoff) the circuitry configured to process the user request (page 5, paragraph [0050], wherein the workflow controller may use agents to load capabilities of the processors, and time constrains in the job request and page 13, sections [0138] and [0139], wherein client may input the name as the name of the search, wherein clicking on save search, the search is provided from the client to the service center and wherein workflow controller and the job ticket service may be implemented for a special purpose integrated circuit and wherein the service center may also be implemented using a plurality of separate, dedicated, or programmable integrated or other electrical circuits or devices, Volkoff); and

Volkoff teaches a processing circuitry wherein a transformed request is done. But Volkoff is silent with respect to “ means for without communicating with one or more workflow processing devices, executing the predefined rules on the server to create a transformed user request, the transformed user request, comprising additional information to organize workflow among the one or more workflow processing devices in accordance with the one or more user-desired product properties so as to produce a user-desired product” .

On the other hand, Gardner teaches means for without communicating with one or more workflow processing devices, executing the predefined rules on the server to create a transformed user request, the transformed user request, comprising additional information to organize workflow among the one or more workflow processing devices in

accordance with the one or more user-desired product properties so as to produce a user-desired product (REFER to claims 1 and 15, wherein this limitation is substantially the same and therefore rejected under the same rationale, Gardner).

It would have been obvious to one of the ordinary skill in the art at the time of the invention to incorporate Gardner teachings into Volkoff system. A skilled artisan would have been motivated to combine as suggest by Garner [column 2, lines 57-62] for establishing an improved method for rerouting information to be processed and presented.

Claim 31:

Regarding claim 31, Volkoff teaches an article of manufacture (see Figure2, all features, Volkoff) comprising:

processor-usable media embodying programming configured to cause a processing circuitry of a workflow management device (page 13, paragraph [0139], Volkoff) to:

receive a user request, the request having one or more user-desired product properties (see Figure 2, all features, wherein each node diagram represents job tickets for other services and page 3, paragraph [0030], Volkoff);

provide a prestored style sheet having predefined rules for processing the user request (Refer to claim 30, wherein this limitation is substantially the same/or similar and therefore rejected under the same rationale, Volkoff).

load the predefined rules and the user request into the processing circuitry the circuitry configured to process the user request (page 5, paragraph [0050], wherein the

workflow controller may use agents to load capabilities of the processors, and time constrains in the job request, and page 7, section [0078], wherein the email processor may access the contact list as at predetermined intervals to send email messages to select group email addresses, Volkoff); and

Volkoff does not teach “ without communicating with one or more workflow processing devices, execute the predefined rules to create a transformed user request, the transformed user request, comprising additional information to organize workflow among the one or more workflow processing devices in accordance with the one or more user-desired product properties so as to produce a user-desired product.

On the other hand, Gardner teaches “ without communicating with one or more workflow processing devices, execute the predefined rules to create a transformed user request, the transformed user request, comprising additional information to organize workflow among the one or more workflow processing devices in accordance with the one or more user-desired product properties so as to produce a user-desired product (REFER to claims 1 and 15, wherein this limitation is substantially the same and therefore rejected under the same rationale, Gardner).

Therefore, It would have been obvious to one of the ordinary skill in the art at the time of the invention to incorporate Gardner teachings into Volkoff system. A skilled artisan would have been motivated to combine as suggest by Garner [column 2, lines 57-62] for establishing an improved method for rerouting information to be processed and presented.

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7. Claims 6-9, 18-19, 21, 23, 25-26, and 32-33 are rejected under 35 U.S.C. 103(a) as being obvious over Volkoff in view of Gardener and in further view of Yalcinalp (US Patent No. 6,507,857, Date of Patent: January 14, 2003)

Claims 6 and 18:

Regarding claims 6 and 18, the combination of Volkoff in view of Gardner does not teach wherein the predefined data comprises instructions written in Extensible Style sheet Language.

On the other hand Yalcinalp does teach wherein the predefined data comprises instructions written in Extensible Style sheet Language (column 6, lines 55-57, Yalcinalp).

It would have been obvious to one of the ordinary skill in the art at the time of the invention to incorporate Yalcinalp teachings into Volkoff and Gardner system. A skilled artisan would have been motivated to combine as suggest by Yalcinalp [column 1, lines 36-37] for providing the ability to define components in a particular style sheet in order to execute different methods outside a particular application.

Claims 7 and 25:

Regarding claims 7 and 25, the combination of Volkoff in view of Gardner does not teach wherein the processing circuitry is an extensible stylesheet language transformation (XSLT) processor.

On the other hand, Yalcinalp does teach wherein the processing circuitry is an extensible stylesheet language transformation (XSLT) processor (see Figure 1, diagram 110, Yalcinalp).

It would have been obvious to one of the ordinary skill in the art at the time of the invention to incorporate Yalcinalp teachings into Volkoff and Gardner system. A skilled artisan would have been motivated to combine as suggest by Yalcinalp [column 1, lines 36-37] for providing the ability to define components in a particular style sheet in order to execute different methods outside a particular application.

Claims 8 and 19:

Regarding claims 8 and 19, the combination of Volkoff in view of Gardner does not teach wherein the processing circuitry applies an extensible language (XSL) XSL transformation to the user request to produce the transformed user request.

On the other hand, Yalcinalp teaches wherein the processing circuitry applies an extensible language (XSL) XSL transformation to the user request to produce the transformed user request (column 5, lines 61-64, Yalcinalp).

It would have been obvious to one of the ordinary skill in the art at the time of the invention to incorporate Yalcinalp teachings into Volkoff and Gardner system. A skilled artisan would have been motivated to combine as suggest by Yalcinalp [column 1, lines 36-37] for providing the ability to define components in a particular style sheet in order to execute different methods outside a particular application.

Claim 9:



Regarding claim 9, the combination of Volkoff in view of Gardner does not teach wherein the predefined rules data is stored in a least one style sheet within the storage device.

On the other hand, Yalcinalp teaches wherein the predefined rules data is stored in a least one style sheet within the storage device (see Figure 2, diagram 215, wherein Style sheet and external component processing is implemented into the XSLT Processor and see Figure 1, diagram 110, wherein the XSLT Processor is stored within the memory and wherein memory, diagram 102 is also stored within the secondary storage device, diagram 112, Yalcinalp), and each style sheet comprises instructions written in an XSL format (column 2, lines 6-13 and column 6, lines 55-57, Yalcinalp).

It would have been obvious to one of the ordinary skill in the art at the time of the invention to incorporate Yalcinalp teachings into Volkoff and Gardner system. A skilled artisan would have been motivated to combine as suggest by Yakcinalp [column 1, lines 36-37] for providing the ability to define components in a particular style sheet in order to execute different methods outside a particular application.

Claim 21:

Regarding claim 21, the combination of Volkoff in view of Gardner does not teach teaches a method further comprising: sending the transformed user request to a controller communicatively coupled to the server; and

the controller controlling the one or more workflow processing devices in accordance with the one or more user-desired product properties using information from the transformed user request.

On the other hand, Yalcinalp does teach sending the transformed user request to a controller communicatively coupled to the server (see Figure 2, diagrams 200 and 205, wherein the controller is the XSLT processor, Yalcinalp); and

the controller controlling the one or more workflow processing devices in accordance with the one or more user-desired product properties using information from the transformed user request (column 2, lines 38-42, wherein the external component may include loading the external component into the XSLT processor and initiating the execution method, Yalcinalp).

It would have been obvious to one of the ordinary skill in the art at the time of the invention to incorporate Yalcinalp teachings into Volkoff and Gardner system. A skilled artisan would have been motivated to combine as suggest by Yakcinalp [column 1, lines 36-37] for providing the ability to define components in a particular style sheet in order to execute different methods outside a particular application.

Claim 23:

Regarding claim 23, the combination of Volkoff in view of Gardner does not teach wherein the creating comprises providing the style sheet in an extensible stylesheet language (XSL), format-having instructions written in Extensible Style sheet Language.

On the other hand, Yalcinalp teaches wherein the creating comprises providing the style sheet in an extensible stylesheet language (XSL), format-having instructions written in Extensible Style sheet Language (column 6, lines 55-57, Yalcinalp).

It would have been obvious to one of the ordinary skill in the art at the time of the invention to incorporate Yalcinalp teachings into Volkoff and Gardner system. A

skilled artisan would have been motivated to combine as suggest by Yalcinalp [column 1, lines 36-37] for providing the ability to define components in a particular style sheet in order to execute different methods outside a particular application.

Claim 25:

Regarding claim 25, the combination of Volkoff in view of Gardner does not teach wherein the loading and the executing are performed by an extensible stylesheet language transformation (XSLT) processor. On the other hand, Yalcinalp teaches wherein the loading and the executing are performed by an extensible stylesheet language transformation (XSLT) processor (columns 2-3, lines 55-67, and lines 1-2, respectively, Yalcinalp).

It would have been obvious to one of the ordinary skill in the art at the time of the invention to incorporate Yalcinalp teachings into Volkoff and Gardner system. A skilled artisan would have been motivated to combine as suggest by Yalcinalp [column 1, lines 36-37] for providing the ability to define components in a particular style sheet in order to execute different methods outside a particular application.

Claim 26:

Regarding claim 26, the combination of Volkoff in view of Gardner does not teach wherein the creating the transformed user request comprises applying the predefined rules using extensible stylesheet language (XSL) transformation to the user request, and the transformed user request comprises a definition of workflow tasks to be performed, and settings and properties for the workflow tasks, configured to produce a user-desired product in accordance with the one or more user-desired product

properties; generating a document with the one or more user-desired product properties; defining a set of rules using which the document is processed; and

processing the document using the defined set of rules to create a modified document, the modified document having instructions to organize workflow to perform the one or more user-desired product properties to produce a user-desired product.

On the other hand, Yalcinalp does teach wherein the creating the transformed user request comprises applying the predefined rules (see Figure 2, diagram 205, all features, Yalcinalp) using extensible stylesheet language (XSL) transformation to the user request (see figure 2, diagram 205, wherein the XSLT is the XSL transformation which is the acronym for extensible Style Language Transformation, Yalcinalp), and the transformed user request comprises a definition of workflow tasks to be performed (column 2, lines 50-55, Yalcinalp), and settings and properties for the workflow tasks (column 4, lines 63-65, wherein the transformation engine consist of an Application Program Interface wherein its sets routines and tools for communicating with software applications, Yalcinalp), configured to produce a user-desired product in accordance with the one or more user-desired product properties (column 2, line 27, wherein tags are associated with the input document and column 2, lines 45-46, wherein the one tag represents and external component, Yalcinalp);

generating a document with the one or more user-desired product properties; defining a set of rules (column 7, line 35, wherein parameters is equivalent to rules, Yalcinalp) using which the document is processed (column 7, lines 27-35m wherein the

processing the tags contained within the style sheet to generate the transformed document, Yalcinalp; and

processing the document using the defined set of rules to create a modified document (column 7, lines 37-42, Yalcinalp), the modified document having instructions to organize workflow (column 7, lines 46-56, Yalcinalp) to perform the one or more user-desired product properties to produce a user-desired product (column 7, lines 55-58, wherein the results of tag processing includes external components and the new document is transmitted to the user, Yalcinalp).

It would have been obvious to one of the ordinary skill in the art at the time of the invention to incorporate Yalcinalp teachings into Volkoff and Gardner system. A skilled artisan would have been motivated to combine as suggest by Yalcinalp [column 1, lines 36-37] for providing the ability to define components in a particular style sheet in order to execute different methods outside a particular application.

Claim 32:

Regarding claim 32, the combination of Volkoff in view of Gardener does not teach wherein each stylesheet corresponds to a different subset of the product properties.

On the other hand, Yalcinalp teaches wherein each stylesheet corresponds to a different subset of the product properties (Figure 2, all features, wherein the style sheet corresponds with the XSLT processor components, Yalcinalp).

It would have been obvious to one of the ordinary skill in the art at the time of the invention to incorporate Yalcinalp teachings into Volkoff and Gardner system. A

skilled artisan would have been motivated to combine as suggest by Yalcinalp [column 1, lines 36-37] for providing the ability to define components in a particular style sheet in order to execute different methods outside a particular application.

Claim 33:

Regarding claim 33, the combination of Volkoff in view of Gardner does not teach wherein the transformed user request generated by a first one the stylesheets has a different workflow than the transformed user request generated by a second one of the stylesheets.

On the other hand, Yalcinalp teaches wherein the transformed user request generated by a first one the stylesheets has a different workflow than the transformed user request generated by a second one of the stylesheets (Figure 2, diagram 200, wherein document request and transformed document is generated through the components contained in the XSLT processor which includes validation, XML parser, stylesheet and external component processing and XML document builder, Yalcinalp).

It would have been obvious to one of the ordinary skill in the art at the time of the invention to incorporate Yalcinalp teachings into Volkoff and Gardner system. A skilled artisan would have been motivated to combine as suggest by Yalcinalp [column 1, lines 36-37] for providing the ability to define components in a particular style sheet in order to execute different methods outside a particular application.

#### Prior Art of Record

(The prior art made of record and not relied upon is considered pertinent to applicant's disclosure)

1. Volkoff et al (US Publication No. 2202/0184240)
2. Yalcinalp (US Patent No. 6,507,857)
3. Gardner (US Patent No. 6,725,429)

#### Point of Contact

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Helene R. Rose whose telephone number is (571) 272-0749. The examiner can normally be reached on 8:00am - 4:30pm Monday-Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Don Wong can be reached on (571) 272-1834. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

HRR  
Technology Center 2100  
June 7, 2007

A handwritten signature in black ink, appearing to read "Don Wong", with a stylized, cursive flourish at the end.

**DON WONG**  
**SUPERVISORY PATENT EXAMINER**  
**TECHNOLOGY CENTER 2100**